Isle Royale Analysis Questions

**Directions:**

**Answer the questions on this document. Be sure to save frequently.**

**Change the font color for your answers so they stand out from the questions. DO NOT DELETE THE QUESTIONS!**

**Make sure it is legible.**

1. What are the potential limiting factors on Isle Royale. You must list a minimum of 5.
2. What adaptations do you think the organisms on Isle Royale have developed to compensate for these limiting factors?
3. Compare the graphs. What relationships can you see between the population graph and the predation rate graph?
   1. What do you notice about the trend in both wolf and moose populations from about

1973 to about 1980?

* 1. What is the possible relationship between the trends?
  2. What happened to the wolf population from about 1980 to about 1982?
  3. What may have caused this?
  4. How may this population change have affected the moose population?

4.

* 1. What happened to the moose population between about 1995 and 1997?
  2. How might this have affected the wolf population?

1. Is there sustained ecological balance in this system? Explain your answer.